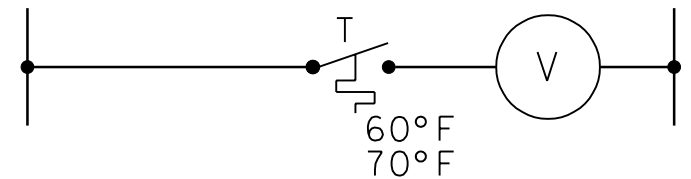
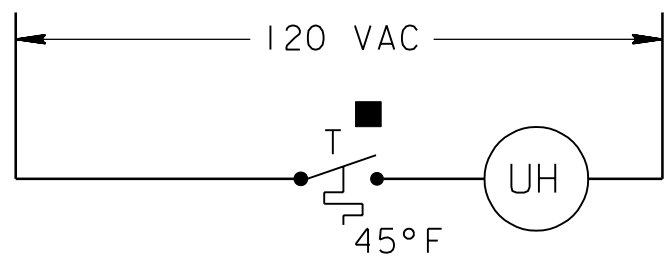


D



FINTUBE RADIATION (FTR-1 THRU 3)

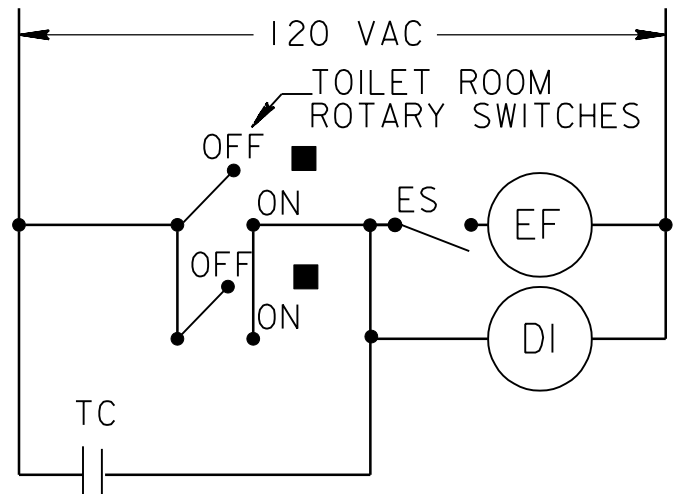
A SELF-CONTAINED, NORMALLY-OPEN, MODULATING THERMOSTATIC CONTROL VALVE (V) FOR EACH FINTUBE SHALL ALLOW FLOW THRU THE FINTUBE ON A CALL FOR HEAT (BELOW 60°F FOR FTR-1 & 2); (BELOW 70°F FOR FTR-3 & 4), AND STOP FLOW WHEN SATISFIED.



UNIT HEATER (UH-1)

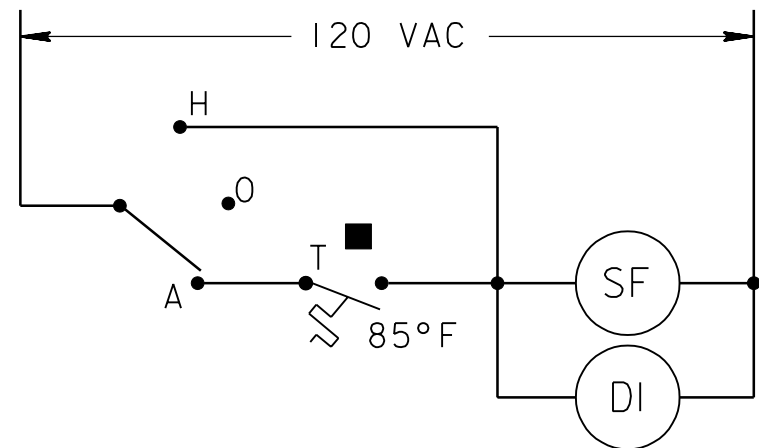
AN ELECTRIC UNIT MOUNTED THERMOSTAT (T) SHALL CYCLE THE FAN ON TO MAINTAIN SPACE CONDITIONS OF 45°F (ADJUSTABLE). THERMOSTAT SHALL BE PROVIDED WITH H-O-A SUBBASE.

C



TOILET EXHAUST FAN (EF-1)

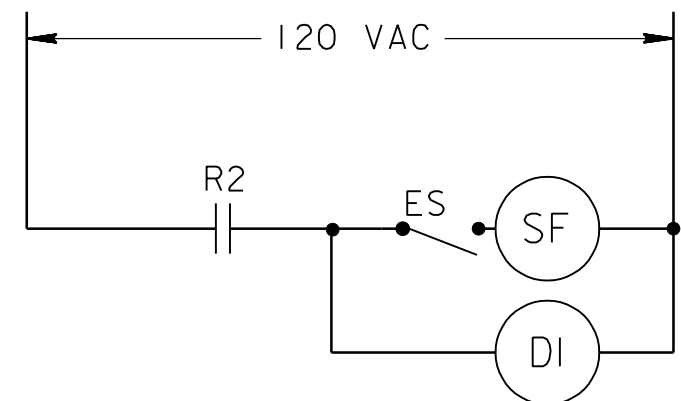
DURING THE OCCUPIED MODE, AS DETERMINED BY TIME CLOCK (TC) OF BLOWER/COIL (BCU-1) SYSTEM, THE EXHAUST FAN SHALL RUN CONTINUOUSLY. DURING THE UNOCCUPIED MODE, THE EXHAUST FAN SHALL BE INTERLOCKED TO THE TOILET ROOM ROTARY TIMER SWITCHES SUCH THAT THE FAN SHALL OPERATE WHENEVER EITHER ROTARY TIMER SWITCH IS ON. ROTARY TIMER ALLOWS OPERATION FOR UP TO 60 MINUTES. DAMPER END SWITCH (ES) SHALL BE MADE BEFORE THE EXHAUST FAN CAN BE ENERGIZED.



SUPPLY FAN (SF-1)

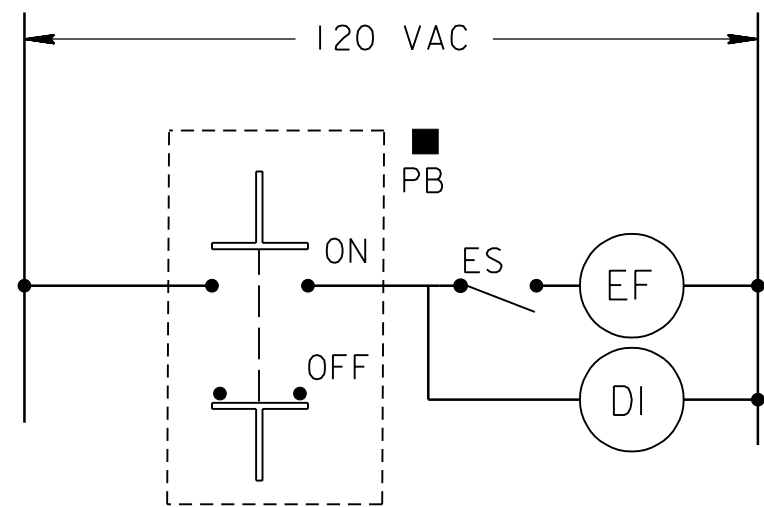
AN ELECTRIC SPACE MOUNTED THERMOSTAT (T) SHALL CYCLE THE FAN ON AND OPEN THE RELIEF DAMPERS (DI) AT SPACE TEMPERATURES EXCEEDING 85°F (ADJUSTABLE). THERMOSTAT SHALL BE PROVIDED WITH H-O-A SUBBASE.

B



SUPPLY FAN (SF-2)

DURING THE SUMMER OCCUPIED MODE, AS DETERMINED BY BCU-1 SYSTEM R2 CONTACTS, THE SUPPLY FAN SHALL RUN. DAMPER END SWITCH (ES) MUST BE MADE BEFORE THE SUPPLY FAN CAN BE ENERGIZED.



VEHICLE EXHAUST FANS (EF-2 & 4)

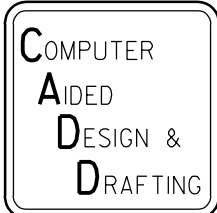
WITH THE MANUAL PUSHBUTTON STATION (PB) FOR EACH FAN IN THE "ON" POSITION, THE RESPECTIVE EXHAUST FAN SHALL ENERGIZE AND THE ASSOICATED EXHAUST DAMPERS (DI) SHALL BE OPENED. DAMPER END SWITCH (ES) SHALL BE MADE BEFORE THE EXHAUST FAN CAN BE ENERGIZED.

NOTE:

EXPLOSION PROOF CONTROLS THAT ARE SUITABLE FOR USE IN A HAZARDOUS CLASS I, DIVISION I, GROUP D AREA SHALL BE PROVIDED. SEE SHT.E-10 FOR HAZARDOUS AREA REQUIREMENTS.

A

EXAMPLE  
FINAL DESIGN



\$\$ – THINK VALUE ENGINEERING – \$\$			
Revisions			
Symbol	Descriptions	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA			
Designed by: G.D.R.	SITE NAME  OMAHA DISTRICT DESIGN GUIDE		SITE LOCATION
Drawn by: S.L.M.			
Checked by: R.R.T.			
Reviewed by: K.A.H.	Plot Scale Ratio: 1:12 Design File: STD07: oddgm601.dgn	Date: JUNE 2002	Sheet reference number:  <b>M6.1</b>
Submitted by:	Spec. No.: DACA 45	Drawing Code:  X	
Chief: MECH. FAC. Section	Contract No.: DACA 45		

A